

Message Text

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21

ACTION OES-06

INFO OCT-01 EUR-12 ISO-00 EA-09 IO-13 FEA-01 ACDA-10

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FM USMISSION EC BRUSSELS

TO NRC WASHDC

INFO SECSTATE WASHDC 1126

ERDA WASHDC

AMEMBASSY STOCKHOLM

AMEMBASSY BONN

AMEMBASSY PARIS

AMEMBASSY ROME

AMEMBASSY THE HAGUE

AMEMBASSY LONDON

UNCLAS EC BRUSSELS 04517

NRC PASS TO J. D. LAFLEUR, OISP

ERDA PASS TO AIA

E.O. 11652: N/A

TAGS: TECH

SUBJECT: REACTOR FUEL DATA FOR GESMO REPORT

REF: A. STATE 93542

1. ERDA/BRUSSELS HAS OBTAINED INFORMATION FROM BELGONUCLEAIRE OF BELGIUM, IDENTIFYING NUCLEAR POWER REACTORS THAT ARE OPERATING WITH MIXED OXIDE FUEL FABRICATED IN THEIR DESSEL, BELGIUM, PLANT. BELGONUCLEAIRE IS ONE OF TWO COMMERCIAL PLUTONIUM FUEL FABRICATORS IN EUROPE. THEIR FUEL IS BEING EMPLOYED IN BR-3 (BELGIUM), SENA (FRANCE), DODEWAARD (THE NETHERLANDS), AND GARIGLIANO (ITALY). THE FOLLOWING TWO DOCUMENTS, CONTAINING INFORMATION ON THESE LOADINGS, HAVE BEEN POUCHED TO ACTING DIRECTOR, NRC OFFICE OF INTERNATIONAL AND STATE PROGRAMS (OISP): QUOTE FUEL ASSEMBLIES FOR PRESSURIZED WATER REACTORS, UNQUOTE UNCLASSIFIED

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AND QUOTE IRRADIATION BEHAVIOR OF LWR PLUTONIUM FUEL RODS,

UNQUOTE BY H. BARIOT, ET AL.

2. THIS MATERIAL ONLY BRIEFLY MENTIONS THE OSKARSHAMN REACTOR (SWEDEN) WHOSE FUEL LOADING IS DESCRIBED IN STOCKHOLM CABLE 2194 WHICH HAS BEEN ONLY RESPONSE THUS FAR RECEIVED BY EC BRUSSELS TO REFERENCE CABLE REQUESTING FOREIGN MIXED OXIDE FUEL DATA.

3. ALKEM OF GERMANY, THE OTHER COMMERCIAL EUROPEAN PLUTONIUM FUEL FABRICATOR, HAS FABRICATED THE FUEL USED IN THE GERMAN PLUTONIUM RECYCLE PROGRAM. THE VAK (JÄHL), KRB (GUNDREMMINGEN) AND KWO (OBRIGHEIM) REACTORS HAVE THUS FAR OPERATED WITH MIXED OXIDE FUEL. TO DATE, ERDA/BRUSSELS HAS ONLY BEEN ABLE TO OBTAIN LIMITED AND SOMEWHAT DATED INFORMATION ON THE GERMAN PROGRAM. DETAILS ARE DESCRIBED IN A THIRD DOCUMENT POUCH TO ACTING DIRECTOR, OISP, ENTITLED, QUOTE NUCLEAR CORE DESIGN AND PERFORMANCE OF KWU LIGHT WATER REACTORS WITH PLUTONIUM RECYCLE, UNQUOTE BY W. BOHM ET AL. HINTON

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Message Attributes

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Margaret P. Grafeld
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